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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/660,709	09/13/2000	Anthony C. Spearman	029560.00002	7002

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EXAMINER

NGUYEN, TOAN D

ART UNIT PAPER NUMBER

2665

DATE MAILED: 04/24/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/660,709

Applicant(s)

SPEARMAN ET AL.

Examiner

Toan D Nguyen

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 February 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10, 12-20 and 22-29 is/are rejected.
- 7) ☒ Claim(s) 11 and 21 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☒ The proposed drawing correction filed on 05 February 2002 is: a) ☒ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on February 05, 2002 have been approved. A proper drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The correction to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-10, 12-20 and 22-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeSchrijver (U.S. Patent 6,311,042 B1) in view of King (U.S. Patent 6,317,831 B1).

For claims 1-8, 10, 12-16, 19 and 22-29, DeSchrijver discloses apparatus and methods for imaging written information with a mobile telephone set, comprising:

- a chassis (figure 3, col. 5 line 64 to line 3);
- at least one network card (figure 2, col. 5 line 61 to col. 5 line 6);
- at least one wireless card (col. 5 lines 20-23);
- at least one processor (col. 5 line 49);

an operating system, the operating system operably configured in the chassis to control the at least one network card, the at least one wireless card and the at least one processor, which are operatively coupled with the chassis (figure 3, col. 5 line 64 to col. 6 line 8).

However, DeSchrijver do not disclose a packet-switched interface capable of receiving a multiplicity of inbound frame packet-data to provide inbound packets and transmitting a multiplicity of outbound frame packet-data comprising outbound packets;

a channeling controller, coupled to the packet-switched interface that channels the inbound packets based on the inbound address information and that constructs the outbound packets and channels the outbound packets with the outbound address information, the channeling controller capable of being effectively connected to at least one network via the operating system; an authenticator in operative communication with the operating system to allow authentication at the wireless provisioning device; whereby the user of a mobile computing device connects to the wireless provisioning device without having to access the internet.

In an analogous art, King discloses a channeling controller, coupled to the packet-switched interface that channels the inbound packets based on the inbound address information and that constructs the outbound packets and channels the outbound packets with the outbound address information, the channeling controller capable of being effectively connected to at least one network via the operating system (col. 4 lines 33-58); an authenticator in operative communication with the operating system to allow authentication at the wireless provisioning device (col. 4 lines 24-32); whereby the user of a mobile computing device connects to the wireless provisioning device without having to access the internet (figure 2A., col. 7 lines 22-29). One skilled in the art would have recognized a technique for facilitating secure data transfer over one-way data channels to use teaching of King in the system of DeSchrijver. Therefore, it would have been obvious to one of ordinary skill in the art at the time invention, to use a technique for facilitating secure data transfer over one-way data channels as taught by King in DeSchrijver's system with the motivation being to provide a secure connection can be established over a one-way channel (col. 4 line 59 to col. 5 line 4).

For claim 9, King discloses a memory device and a storage device (figure 10A, col. 16 lines 47-48).

For claim 17, King discloses proxy service (col. 7 line 43).

For claim 18, King discloses firewall service (col. 22 lines 10).

For claim 20, DeSchrijer discloses one antenna (figure 2)

Objection To Claims, Allowable Subject Matter

Art Unit: 2665

4. Claims 11 and 21 are objected to as being dependent upon a rejected base claims, but would be allowable if rewritten in independent form including all of the limitations of the base claims and any intervening claims.

Response To Arguments

5. Applicant's arguments filed February 05, 2002 have been fully considered, but are moot in view of new ground(s) of rejection.

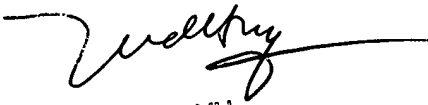
Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan D Nguyen whose telephone number is 703-305-0140. The examiner can normally be reached on Monday- Friday (7:00AM-4:30PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 703-308-6602. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9600.

TN
T.N.


HUY D. VU
EXAMINER